

09/581478

<110> SAKAKI, YOSHIYUKI

KYOWA HAKKO KYOGYO CO., LTD.

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<151> 1997-12-15

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 Tyr Thr Thr Leu Met Ile Leu Leu Ser Arg Ile Glu Glu Arg Lys Ala
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 Pro Leu Lys Lys Met Met Glu Glu Phe Val Pro His Ser Lys Ser Leu
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Lys Leu Ala Leu Gln Ser Ser Ser Cys Leu Ser Leu Phe Arg Asp Glu

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Val Phe His Ile His Lys Ala Ala Glu Asp Leu Phe Val Asn Ile Arg

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Asp His Arg Glu Leu Gly Lys Met Met Asn Thr Ile Ile Phe His Thr
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Leu Cys Thr His Phe Met Ser Cys Thr His Glu Leu Cys Pro Glu Glu

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Pro Ala Val Glu Thr Arg Asn Asn Asn Gln Gln Leu Ala Gln Leu Gln
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Leu Thr Lys Asn Tyr Leu Asp Leu Ile Ile Thr Tyr Thr Thr Leu Met
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Asn Tyr Ala His Glu Met Thr His Gly Ala Ser Asp Arg Glu Tyr Pro
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Arg Leu Gly Gln Met Ile Val Asp Tyr Glu Asn Pro Leu Lys Lys Met
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Arg Asn Ala Gln Leu Leu Ser Leu Ile Ser Ala Pro Ser Thr Met Leu
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Asn Pro Ala Gln Ser Asp Thr Met Pro Cys Glu Tyr Leu Ser Leu Asp
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Ala Met Glu Lys Trp Ile Ile Phe Gly Phe Ile Leu Cys His Gly Ile
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Lys Ala Ala Glu Asp Leu Phe Val Asn Ile Arg Gly Tyr Asn Lys Arg

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Ile Asn Asp Ile Arg Glu Cys Lys Glu Ala Ala Val Ser His Ala Gly

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Ser Met His Arg Glu Arg Arg Lys Phe Leu Arg Ser Ala Leu Lys Glu

340 345 350

Leu Ala Thr Val Leu Ser Asp Gln Pro Gly Leu Leu Gly Pro Lys Ala

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Leu Phe Val Phe Met Ala Leu Ser Phe Ala Arg Asp Glu Ile Ile Trp

370 375 380

Leu Leu Arg His Ala Asp Asn Met Pro Lys Lys Ser Ala Asp Asp Phe

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Ile Asp Lys His Ile Ala Glu Leu Ile Phe Tyr Met Glu Glu Leu Arg

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Ala His Val Arg Lys Tyr Gly Pro Val Met Gln Arg Tyr Tyr Val Gln

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Met Ser Cys Thr His Glu Leu Cys Pro Glu Glu Arg His His Ile Gly
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Asp Arg Ser Leu Ser Leu Cys Asn Met Phe Leu Asp Glu Met Ala Lys
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Gln Ala Arg Asn Leu Ile Thr Asp Ile Cys Thr Glu Gln Cys Thr Leu
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Thr Ser Leu Tyr Thr Asn Trp Tyr Leu Glu Thr Leu Leu Arg Gln Val

785

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795

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Ser Asn Gly His Ile Ala Tyr Phe Pro Ala Met Lys Ala Phe Val Asn

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815

Leu Pro Thr Glu Asn Glu Leu Thr Phe Asn Ala Glu Glu Tyr Ser Asp

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825

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Ile Ser Glu Met Arg Ser Leu Ser Glu Leu Leu Gly Pro Tyr Gly Met

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845

Lys Phe Leu Ser Glu Ser Leu Met Trp His Ile Ser Ser Gln Val Ala

850

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860

Glu Leu Lys Lys Leu Val Val Glu Asn Val Asp Val Leu Thr Gln Met

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Arg Thr Ser Phe Asp Lys Pro Asp Gln Met Ala Ala Leu Phe Lys Arg

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Val Ala Leu Ser Ser Gln Lys Ser Glu Asn Ile Ser Pro Glu Glu Glu
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